

INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

Applicants: Y. Nakano et al. Attorney Docket No. NAI122545
Title: ALL-OPTICAL FLIP-FLOP

FOREIGN PATENT DOCUMENTS

| *Examiner Initial | Cite No. | Document No. | Kind Code | Publication Date (mm/dd/yyyy) | Country | English Abstract Provided | Translation Provided |
|----------------------|-------------|--------------|--------------|----------------------------------|---------|---------------------------------|-------------------------|
| _____ | F1 | JP 51-25710 | A | 05/21/1993 | JP | X | |
| _____ | F2 | JP 06-13714 | A | 01/21/1994 | JP | X | X |

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

| *Examiner Initial | Cite No. | |
|----------------------|-------------|---|
| _____ | O1 | El-Refaei, H.H., and D.A.M. Khalil, "Design of Strip-Loaded Weak-Guiding Multimode Interference Structure for an Optical Router," <i>IEEE Journal of Quantum Electronics</i> 34(12):2286-2290, December 1998. |
| _____ | O2 | Jian, B.B., "Continuous-Wave Operation of Monolithic Two-Mode Optical Flip-Flop With Etched Laser Mirrors," <i>Electronics Letters</i> 32(20):1923-1925, September 26, 1996. |
| _____ | O3 | Johnson, J.E., and C.L. Tang, "Optical Flip-Flop Based on Two-Mode Intensity Bistability in a Cross-Coupled Bistable Laser Diode," <i>Applied Physics Letters</i> 63(24):3273-3275, December 13, 1993. |
| _____ | O4 | Soldano, L.B., and E.C.M. Pennings, "Optical Multi-Mode Interference Devices Based on Self-Imaging: Principles and Applications," <i>Journal of Lightwave Technology</i> 13(4):615-627, April 1995. |
| _____ | O5 | Soldano, L.B., et al., "Planar Monomode Optical Couplers Based on Multimode Interference Effects," <i>Journal of Lightwave Technology</i> 10(12):1843-1850, December 1992. |
| _____ | O6 | Watanabe, M., "Bistability Between Two Crosscoupled Lateral Modes in Twin-Stripe Lasers," <i>Bulletin of the Electrotechnical Laboratory</i> 57(11):69-77, November 1993. |

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{PLLC}
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
206.682.8100

_____ O7 Watanabe, M., et al., "An Optical Set-Reset Flip-Flop Semiconductor Laser With Two Mutually Complementary Outputs," *Proceedings of the International Conference on Optical Computing*, Edinburgh, U.K., August 22-24, 1994, pp. 581-584.

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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